

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109329.D
 Acq On : 26 Sep 2018 10:52
 Operator : JU/SJ
 Sample : PB113191BL
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 13:06:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

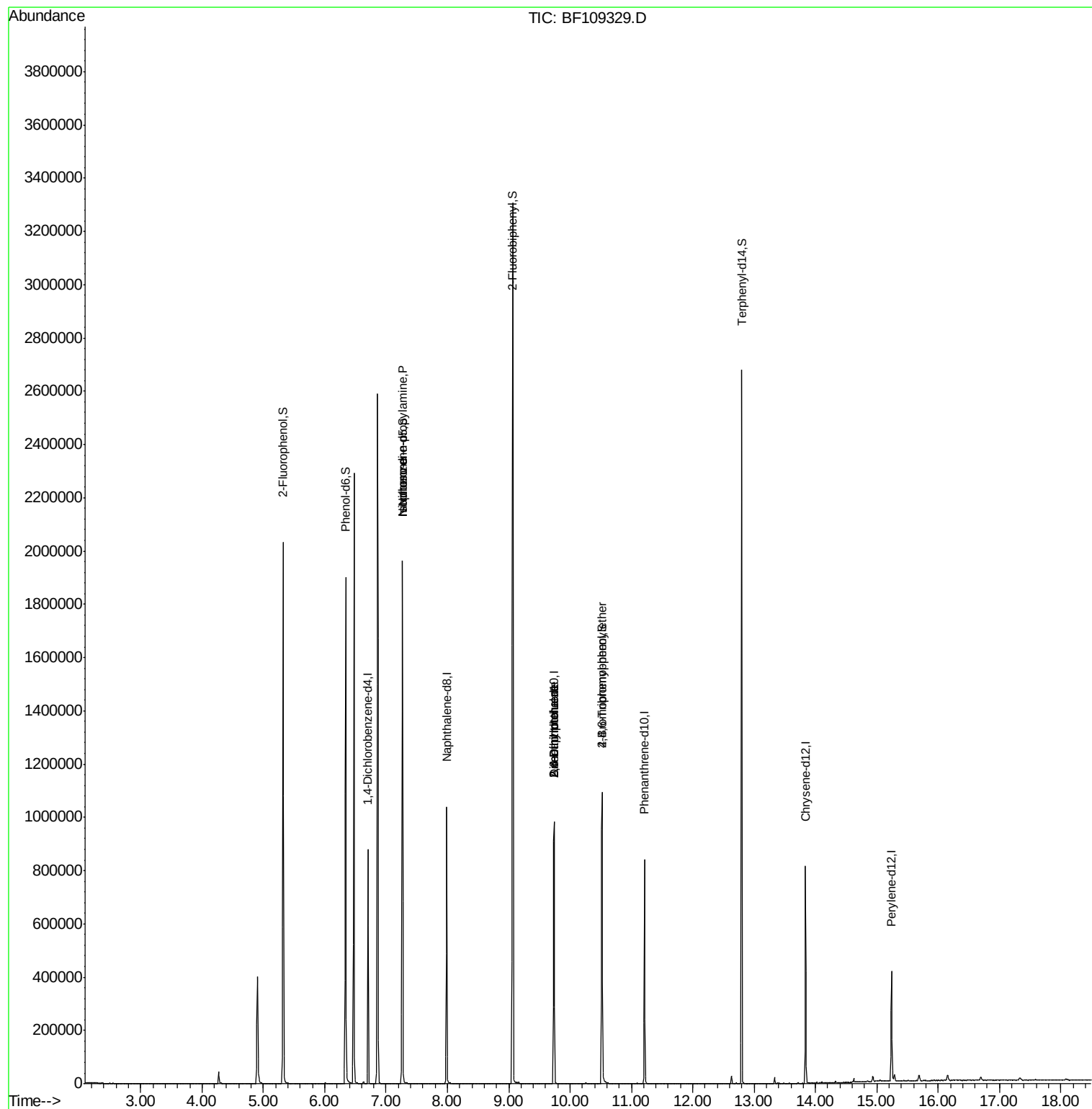
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	119511	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	448010	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	199744	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	314480	20.00	ng	0.00
75) Chrysene-d12	13.84	240	264378	20.00	ng	0.00
86) Perylene-d12	15.24	264	189860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	559025	77.04	ng	0.00
7) Phenol-d6	6.35	99	710487	76.74	ng	-0.01
23) Nitrobenzene-d5	7.27	82	642097	84.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	139625	70.91	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1122521	84.76	ng	0.00
78) Terphenyl-d14	12.80	244	902149	83.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	86140	14.198	ng	# 78
25) Isophorone	7.27	82	599859	43.893	ng	# 64
49) Dimethylphthalate	9.74	163	57226	3.939	ng	# 1
50) 2,6-Dinitrotoluene	9.73	165	24680	8.577	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	24680	6.779	ng	# 23
66) 4-Bromophenyl-phenylether	10.52	248	8734	2.501	ng	# 1

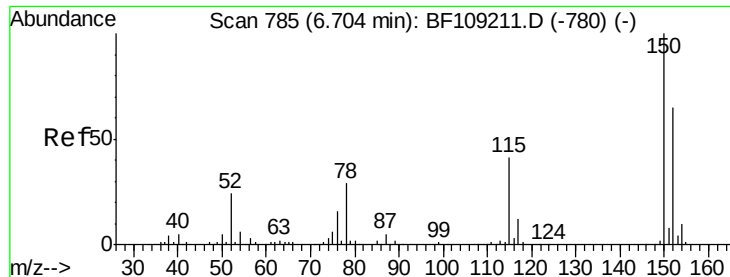
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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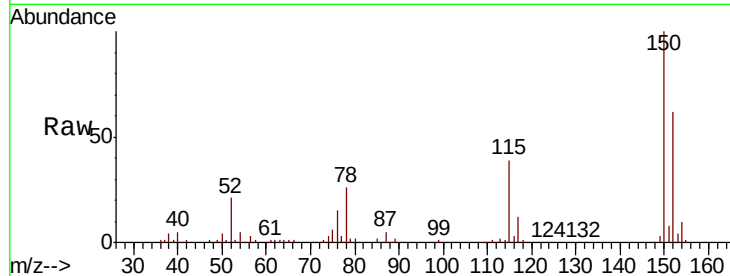


#1

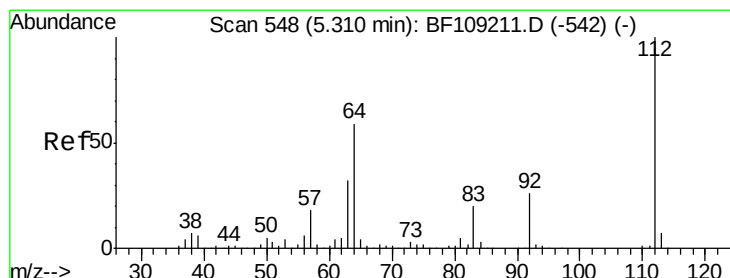
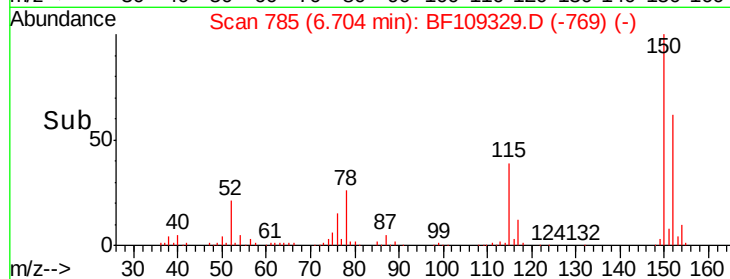
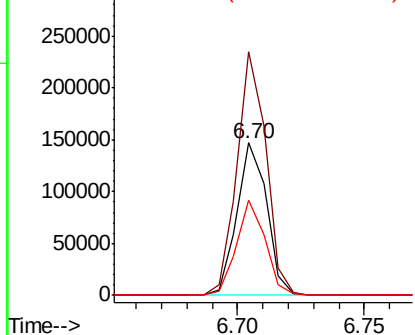
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109329.D
Acq: 26 Sep 2018 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119511
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 62.6 50.1 75.1



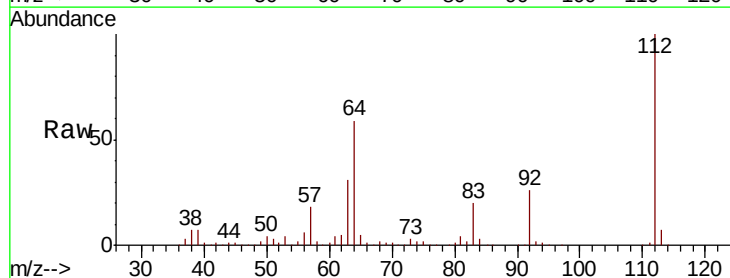
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



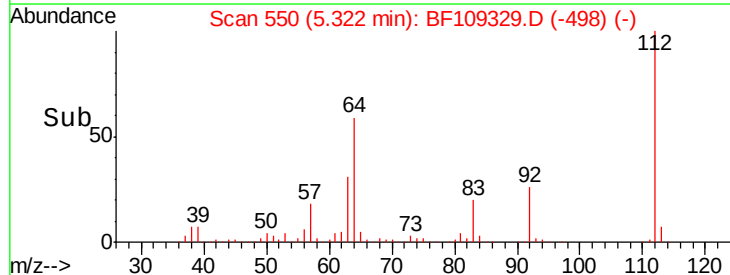
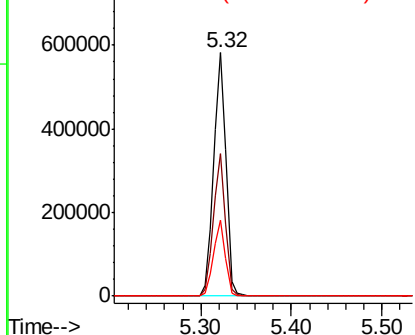
#5

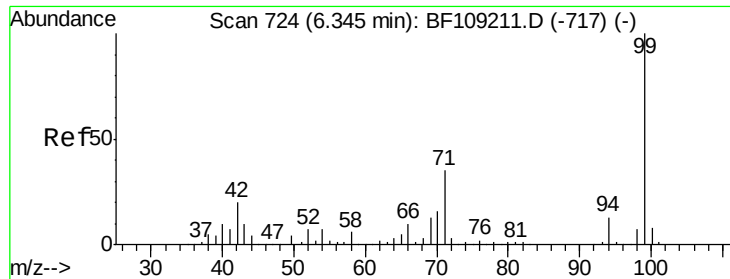
2-Fluorophenol
Concen: 77.044 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109329.D
Acq: 26 Sep 2018 10:52

Tgt Ion:112 Resp: 559025
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 31.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 76.736 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109329.D

Acq: 26 Sep 2018 10:52

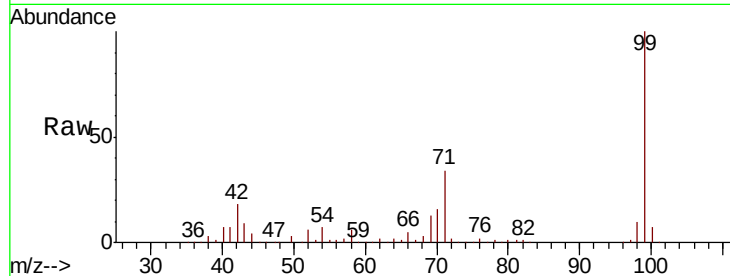
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 710487

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	34.1	25.4	38.0

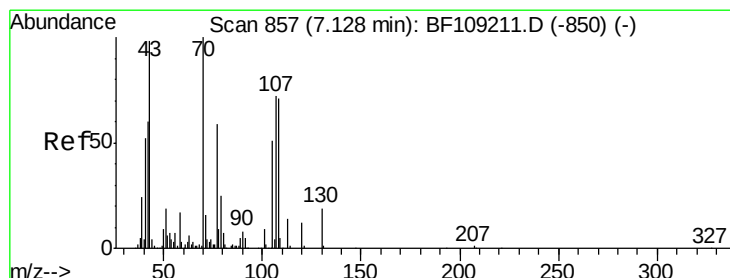
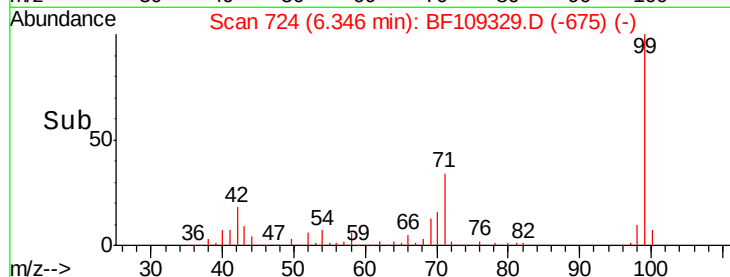
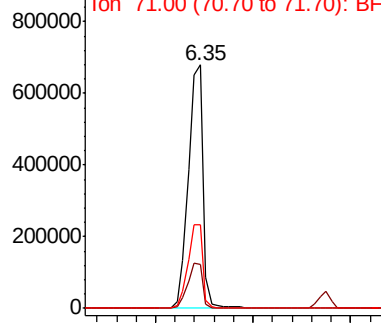


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.198 ng

RT: 7.27 min Scan# 881

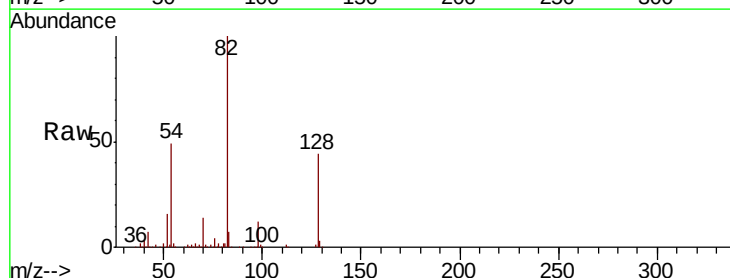
Delta R.T. 0.12 min

Lab File: BF109329.D

Acq: 26 Sep 2018 10:52

Tgt Ion: 70 Resp: 86140

Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



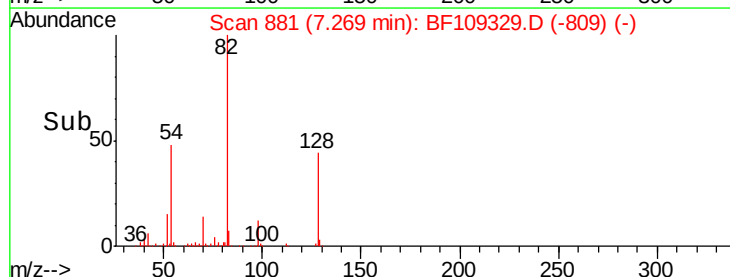
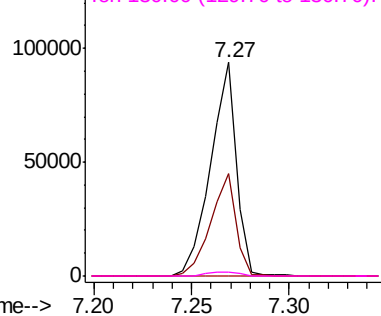
Abundance

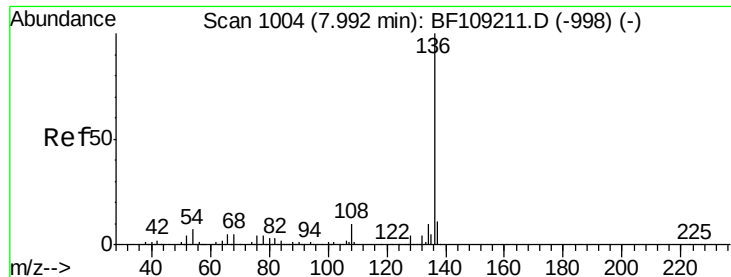
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109329.D

Acq: 26 Sep 2018 10:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 448010

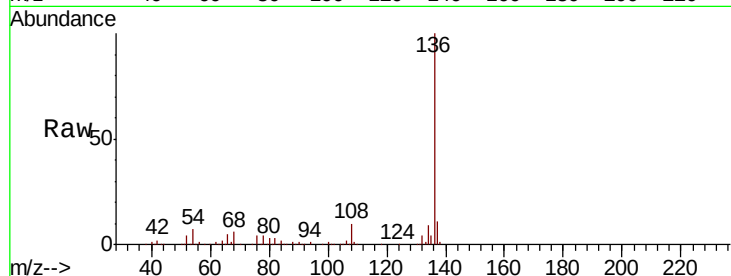
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.4 6.6 9.8

68 5.8 5.0 7.4

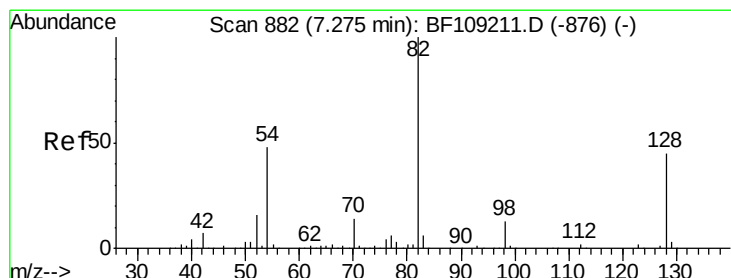
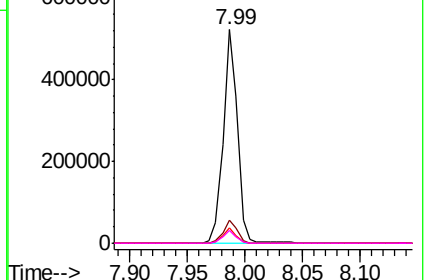
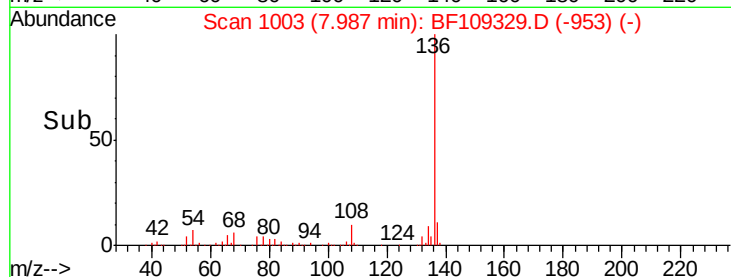


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 84.605 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109329.D

Acq: 26 Sep 2018 10:52

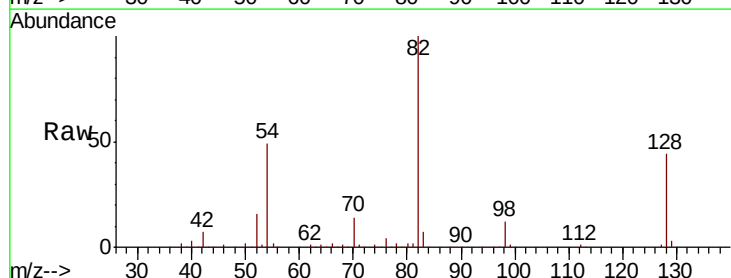
Tgt Ion: 82 Resp: 642097

Ion Ratio Lower Upper

82 100

128 44.0 36.1 54.1

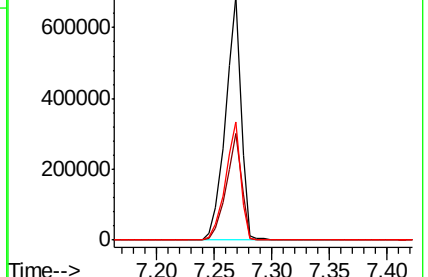
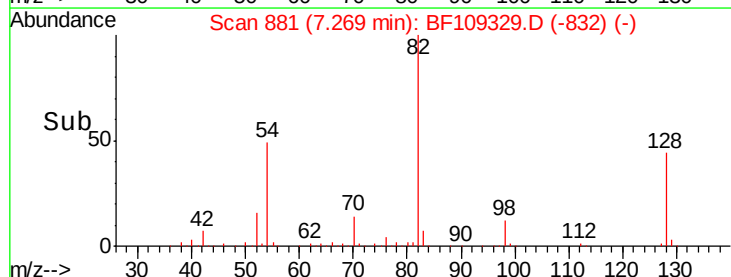
54 48.5 41.4 62.2

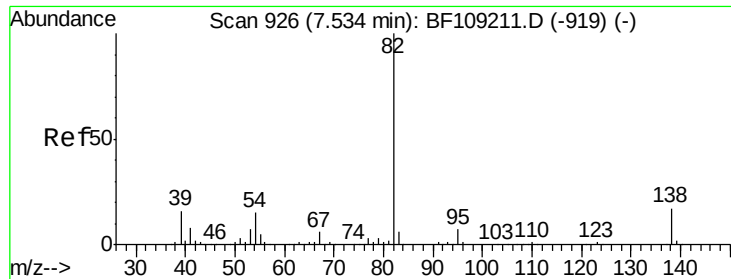


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.893 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109329.D

Acq: 26 Sep 2018 10:52

Instrument :

BNA_F

ClientSampled :

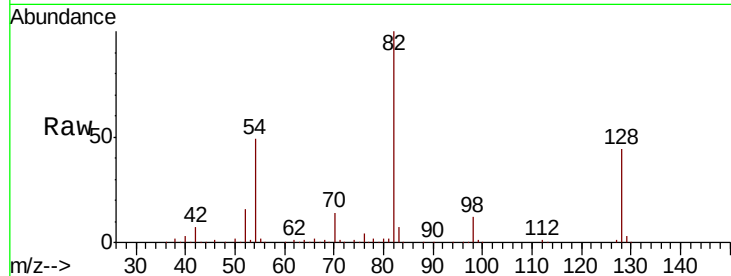
Tot Ion: 82 Resp: 599859

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

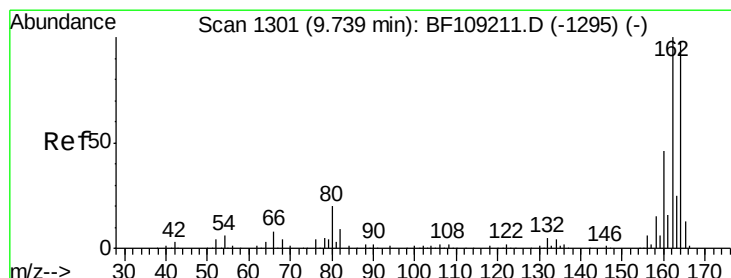
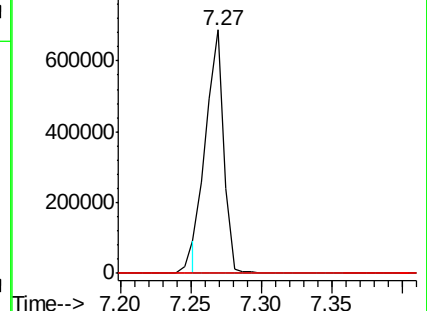
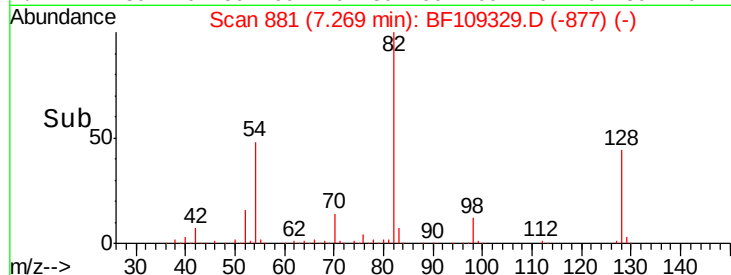
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF109329.D

Acq: 26 Sep 2018 10:52

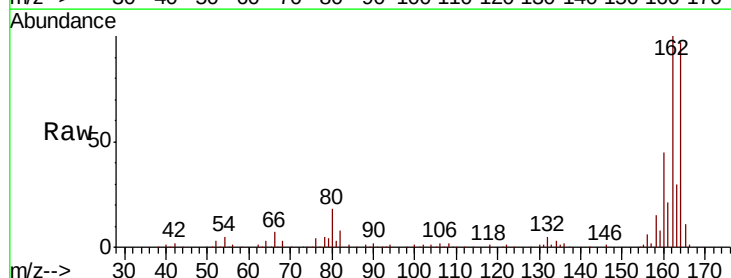
Tgt Ion: 164 Resp: 199744

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

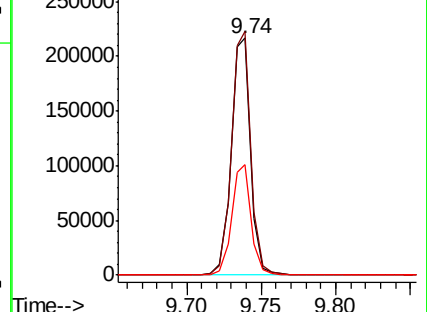
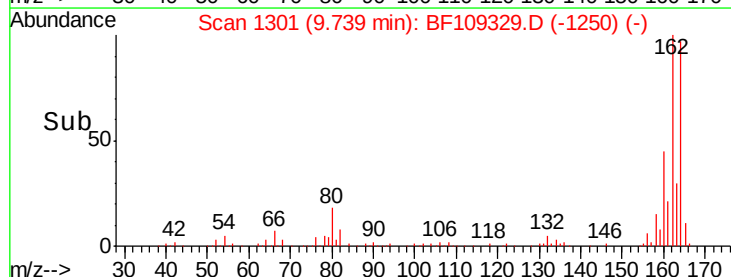
160 46.5 38.3 57.5

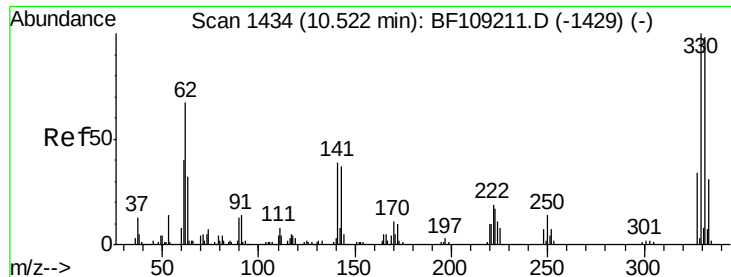


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

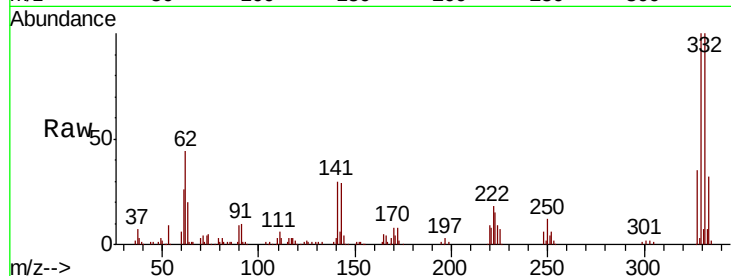




#41
 2,4,6-Tribromophenol
 Concen: 70.909 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109329.D
 Acq: 26 Sep 2018 10:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	33.0	29.9	44.9

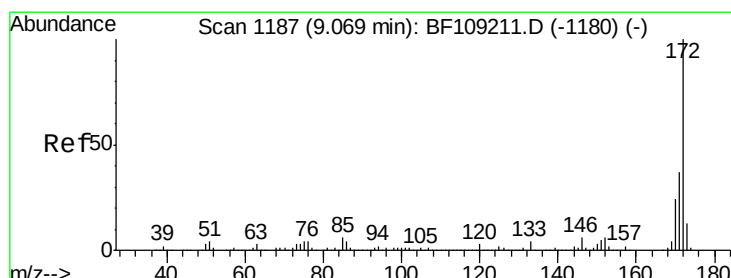
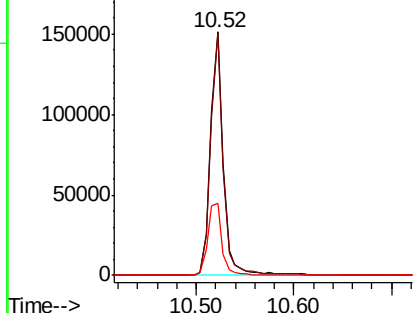
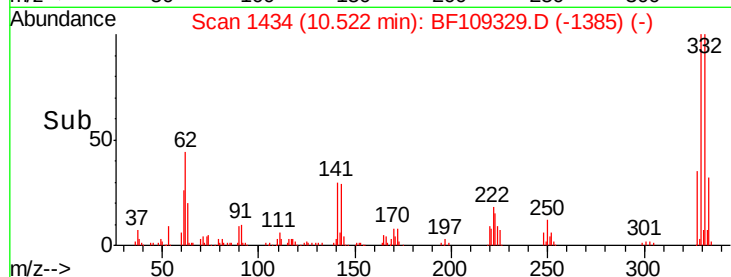


Abundance

Ion 329.80 (329.50 to 330.50): E

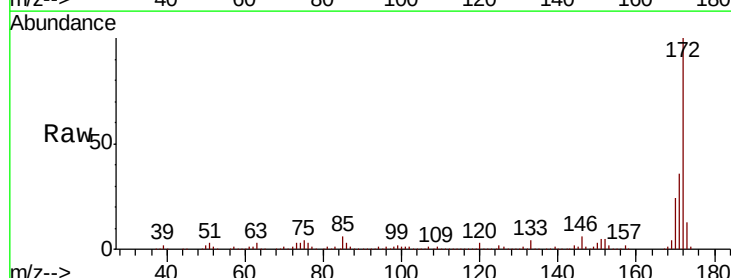
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.757 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109329.D
 Acq: 26 Sep 2018 10:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4

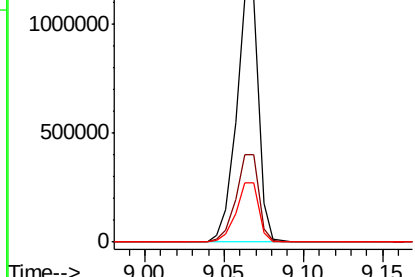
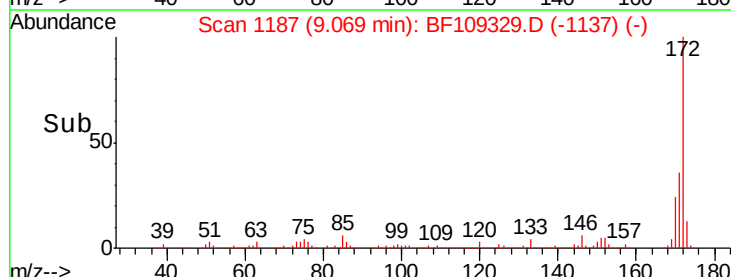


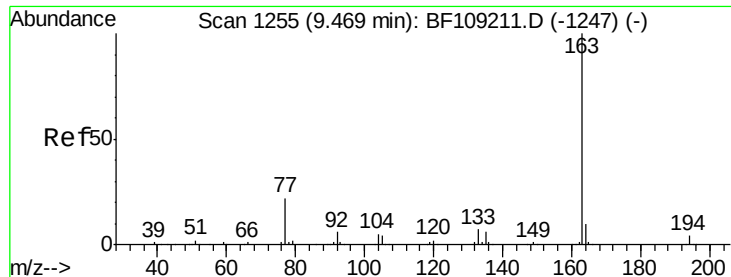
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

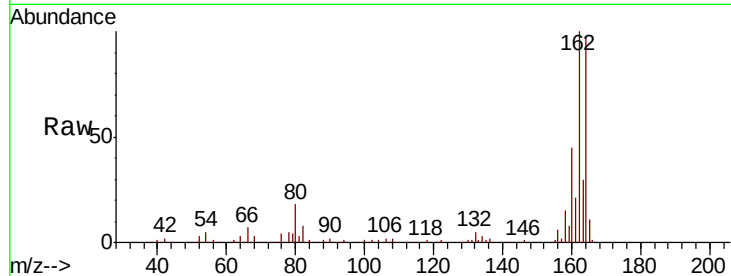




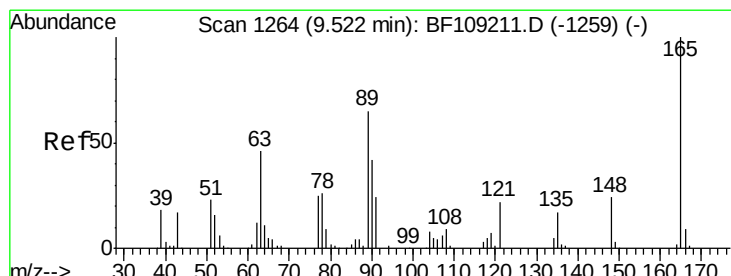
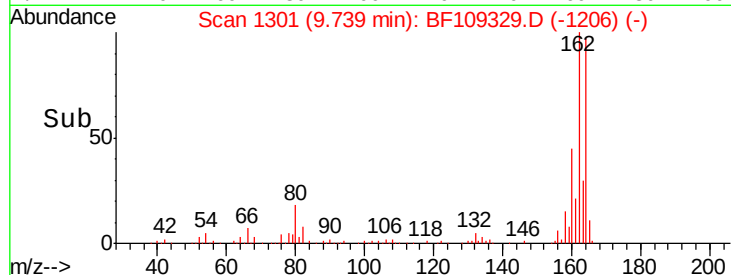
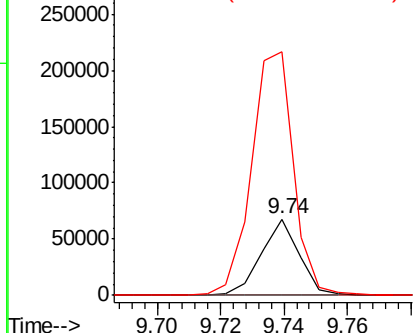
#49
Dimethylphthalate
Concen: 3.939 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.26 min
Lab File: BF109329.D
Acq: 26 Sep 2018 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 57226
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 320.2 8.2 12.2#

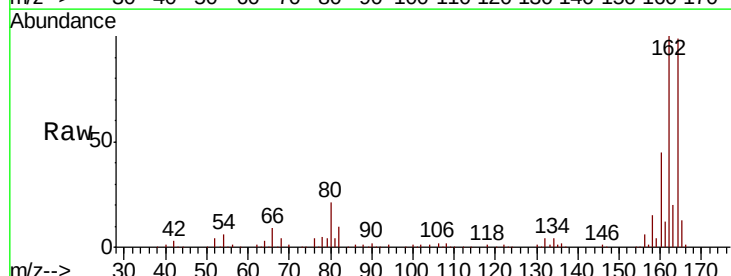


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

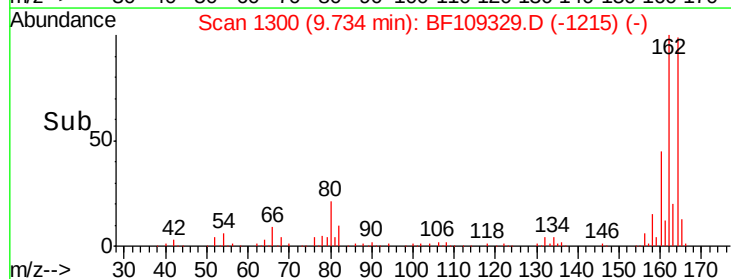
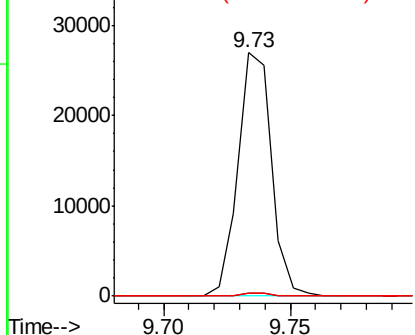


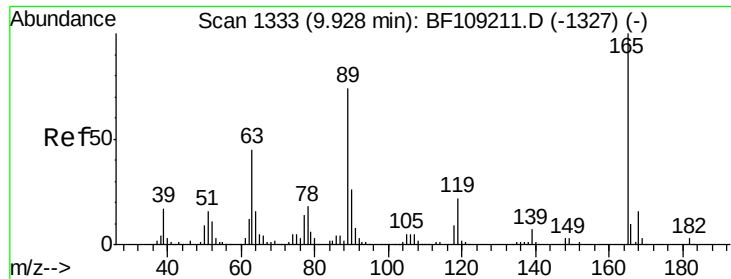
#50
2,6-Dinitrotoluene
Concen: 8.577 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.20 min
Lab File: BF109329.D
Acq: 26 Sep 2018 10:52

Tgt Ion:165 Resp: 24680
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.2 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

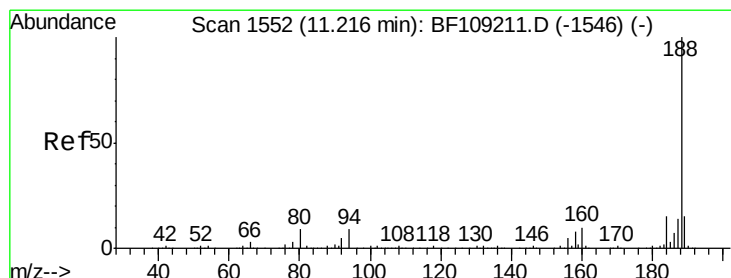
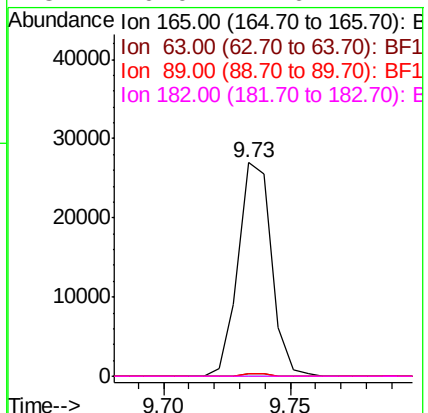
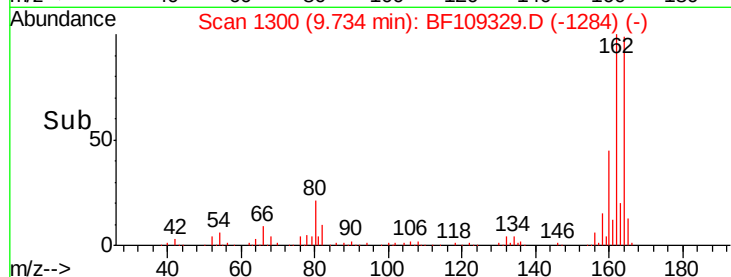
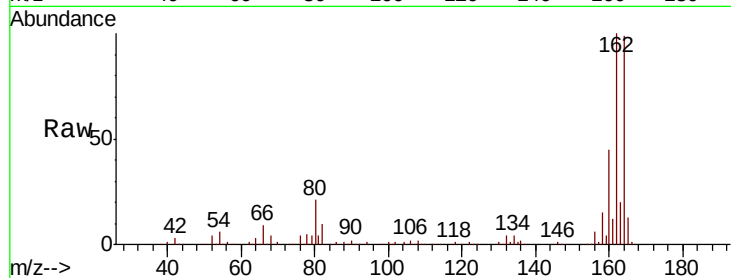




#56
2,4-Dinitrotoluene
Concen: 6.779 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109329.D
Acq: 26 Sep 2018 10:52

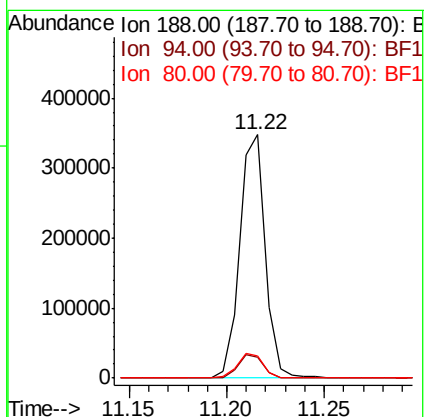
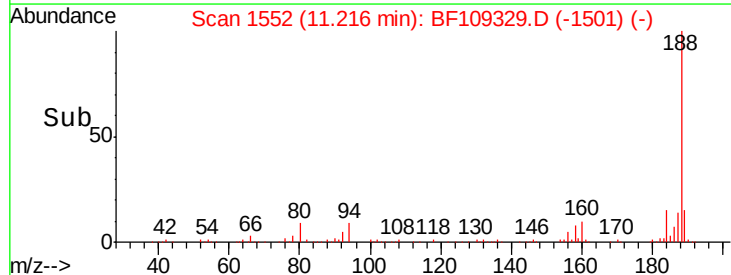
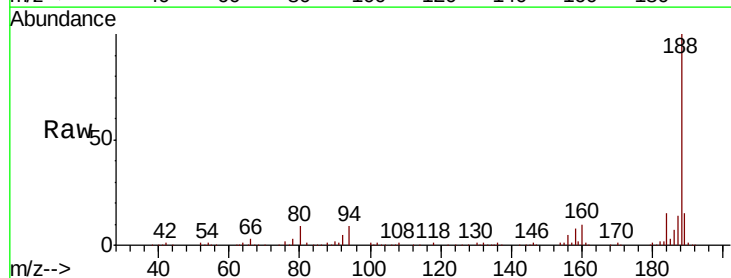
Instrument :
BNA_F
ClientSampleId :

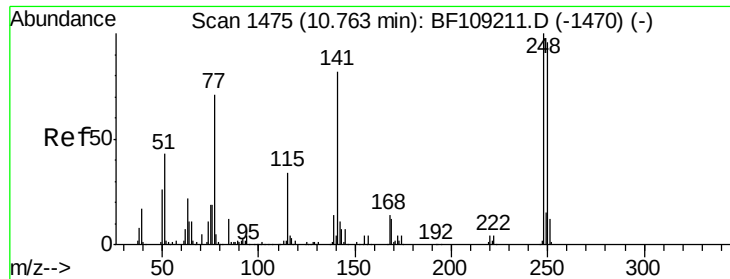
Tot Ion:165	Resp:	24680
Ion Ratio	Lower	Upper
165	100	
63	1.2	36.4 54.6#
89	1.2	57.8 86.6#
182	0.0	1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109329.D
Acq: 26 Sep 2018 10:52

Tgt Ion:188	Resp:	314480
Ion Ratio	Lower	Upper
188	100	
94	8.8	8.5 12.7
80	9.1	9.2 13.8#

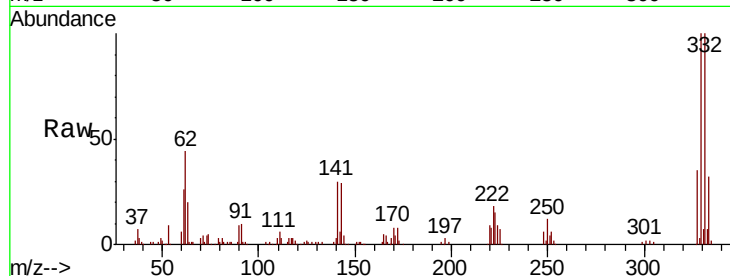




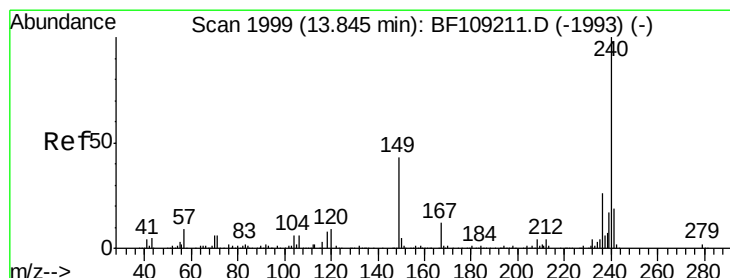
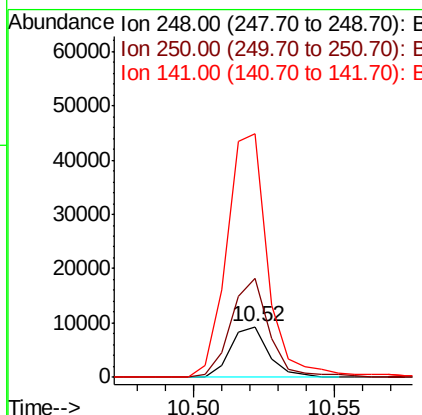
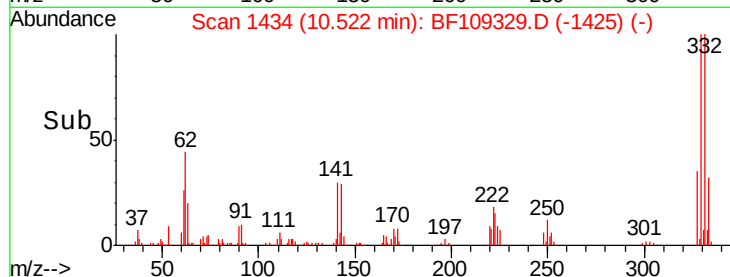
#66
4-Bromophenyl-phenylether
Concen: 2.501 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109329.D
Acq: 26 Sep 2018 10:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 8734
Ion Ratio Lower Upper
248 100
250 196.9 76.9 115.3#
141 481.9 74.4 111.6#

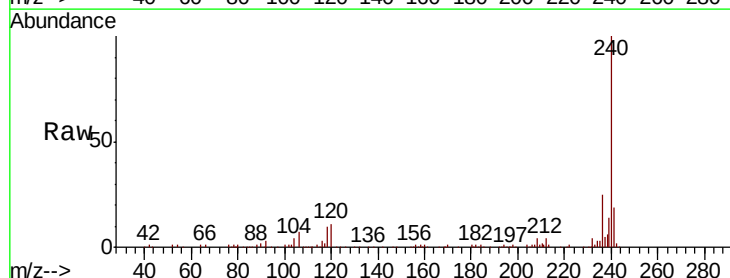


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

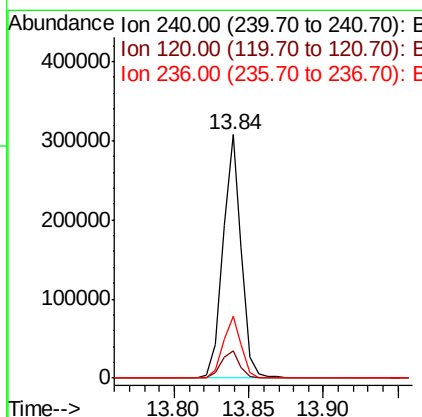
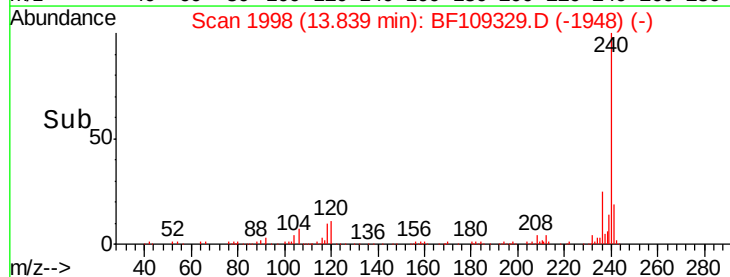


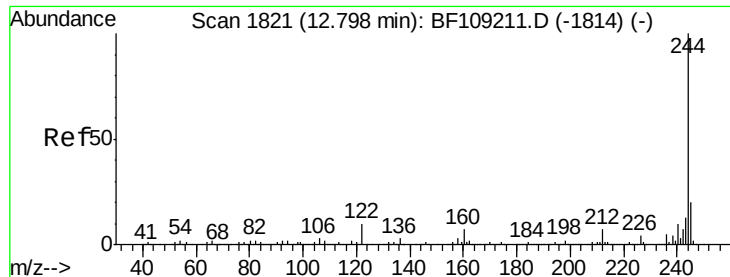
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109329.D
Acq: 26 Sep 2018 10:52

Tgt Ion:240 Resp: 264378
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.745 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109329.D

Acq: 26 Sep 2018 10:52

Instrument :

BNA_F

ClientSampled :

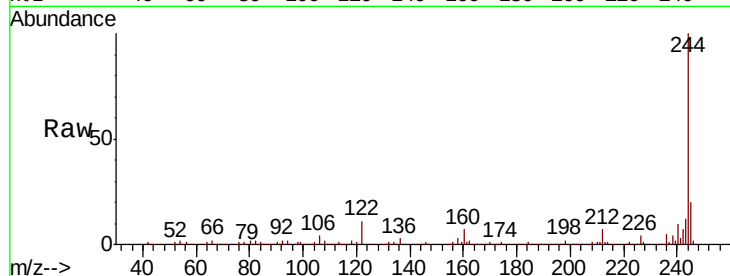
Tot Ion:244 Resp: 902149

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

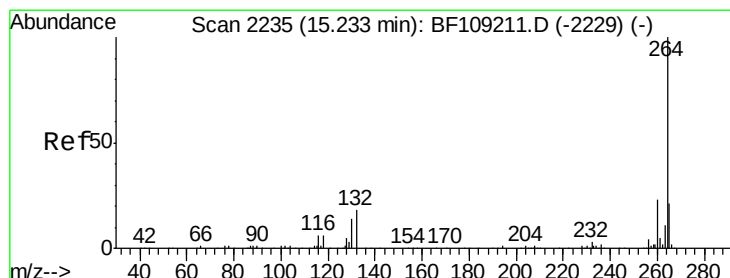
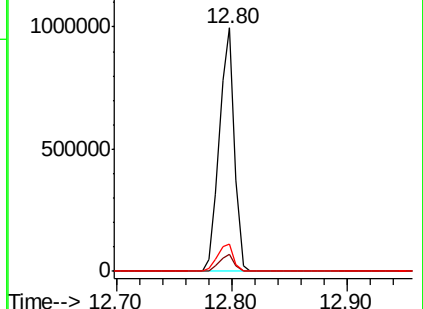
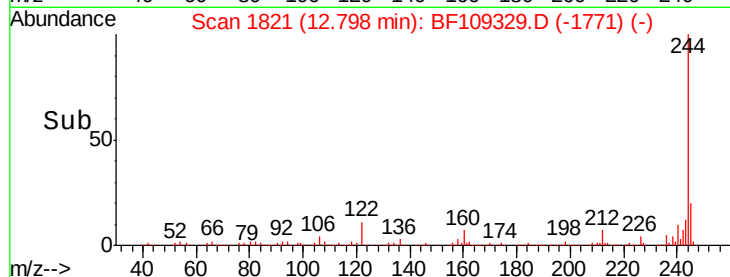
122 11.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF109329.D

Acq: 26 Sep 2018 10:52

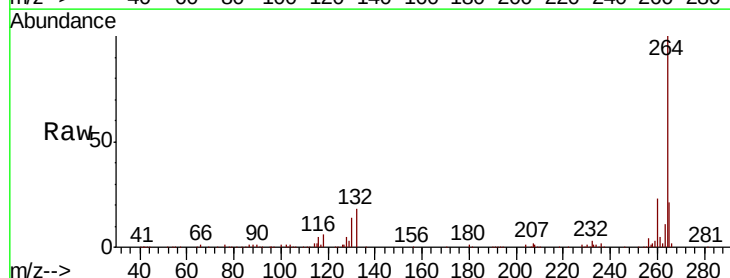
Tgt Ion:264 Resp: 189860

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

